



# भारत का राजपत्र The Gazette of India

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No. 17]

NEW DELHI, SATURDAY, APRIL 27, 1974 (VAISAKHA 7, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके -

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 27th April 1974

APPLICATION FOR PATENTS FILED AT THE  
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

The 6th April 1974

776/Cal/74. Erba Maschinenbau Ag. Method and device for electronic scanning of control-fields of a control member on cylinder and straight bar knitting machines.

777/Cal/74. Bayer Aktiengesellschaft. Process for the production of azodyestuffs. [Divisional date December 16, 1971].

778/Cal/74. Bayer Aktiengesellschaft. Production of strong active carbon moldings.

779/Cal/74. M. J. C. Barre. Apparatus for serving a heaped stock of product.

780/Cal/74. J. N. Arora. Improvement in footwear heels.

781/Cal/74. Bunker Ramo Corporation. Electrical connector having improved sealing means and method and apparatus for making.

782/Cal/74. Bakerdrill, Inc. Bore hole hammer drill.

783/Cal/74. Bakerdrill, Inc. Rotary bore hole air hammer drive mechanism.

784/Cal/74. Bakerdrill, Inc. Continuous coring system and apparatus.

785/Cal/74. Kharkovsky Aviatsionny Institut. Fuel-feed system of combustion chamber in an impulse-effect machine for plastic metal working.

The 8th April 1974

786/Cal/74. Dr.-Ing. Ulrich Regehr. Apparatus for separating-out drops.

787/Cal/74. Dr.-Ing. Ulrich Regehr. Improvements in or relating to contact bodies for the exchange of heat and/or substances.

788/Cal/74. Dr.-Ing. Ulrich Regehr. Improvements in or relating to apparatus for separating particles from gases.

789/Cal/74. Care, Inc. A reinforced and insulating building panel.

790/Cal/74. Shell Internationale Research Maatschappij B. V. A process and a furnace for the disposal of halogenated organic materials.

791/Cal/74. I. Mavrovic. Liquid distributor with ammonia separation.

792/Cal/74. Kobe Steel, Ltd. Cast piece guide roll segment in continuous casting equipment.

793/Cal/74. G. S. Grewal. Improvements in or relating to pumps for spraying insecticides and/or fertilisers for agricultural crops.

794/Cal/74. R. Lath. A method of preparing a material having food and medicinal values.

795/Cal/74. The Chief Controller Research & Development, Ministry of Defence, Government of India, New Delhi (India). An improved method for the manufacture of silver cadmium oxide electrical contact materials.

The 9th April 1974

796/Cal/74. Council of Scientific and Industrial Research. Powder feeder for flash evaporation of nichrome for the fabrication of thin film hybrid integrated circuits.

797/Cal/74. Council of Scientific and Industrial Research. Magnetically operated long-term view-port for observing vacuum processes.

798/Cal/74. Council of Scientific and Industrial Research. Fabrication of resistor array circuits by selectively etching copper and nichrome coatings on epoxy glass substrate.

- 829/Cal/74. Eddybel S. A. Apparatus for producing a coiled thread package.
- 830/Cal/74. Basf Aktiengesellschaft. Manufacture of carboxamides.
- 831/Cal/74. Basf Aktiengesellschaft. Manufacture of concentrated aqueous (meth) acrylamide solutions by catalytic addition of water to (meth) acrylonitrile.
- 832/Cal/74. Saint-Gobain Industries, Heatable panes.
- 833/Cal/74. N. V. Philips' Gloeilampenfabrieken. Method of preparing a batch for producing lime glass.
- 834/Cal/74. Shri Ram Institute for Industrial Research. A process for the manufacture of a new urea derivative, namely N,N dihepta decyl urea suitable for use as a softening agent for textiles.
- 835/Cal/74. R. G. Seth. Method and apparatus for generating high temperature zone using fixed fluidized bed.

**ALTERATION OF DATE**

132959. Ante-dated to May 13, 1970.

132960. Ante-dated to May 13, 1970.

132961. Ante-dated to May 13, 1970.

135698. Ante-dated to September 24, 1971.  
(121/Bom/72).

135697. Ante-dated to September 24, 1971.  
(120/Bom/72).

135696. Ante-dated to September 24, 1971.  
(119/Bom/72).

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A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F1+F2b & 55E4. 84091.  
PROCESS FOR PREPARING ANTIBIOTICS OF THE  
CEPHALOSPORIN TYPE.

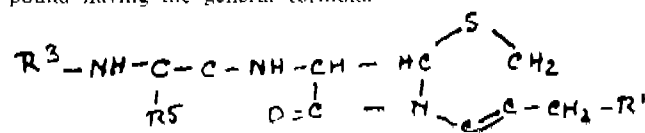
ELI LILLY AND COMPANY. OF 740 SOUTH ALA-  
BAMA STREET, INDIANAPOLIS 6, INDIANA, UNITED  
STATES OF AMERICA.

Application No. 84091 filed September 11, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

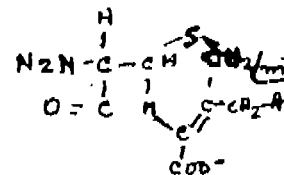
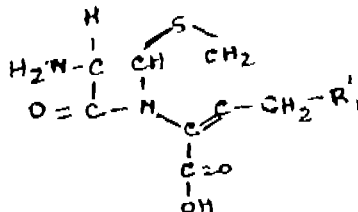
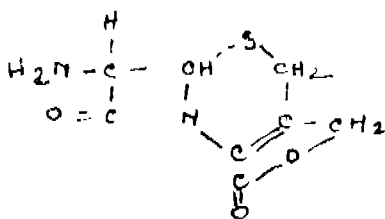
A process for preparing an antibiotic cephalosporin compound having the general formula.



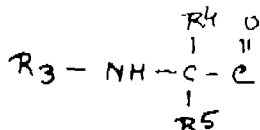
- The 11th April 1974
- 819/Cal/74. Rca Corporation. Dual growth rate method of depositing epitaxial crystalline layers.
- 820/Cal/74. Hazlett Strip-Casting Corporation. Symmetrical synchronized belt-steering and tensioning system and apparatus for twin-belt continuous metal casting.
- 821/Cal/74. J. M. Purlin. Fishing lure with chemically generated illumination.
- 822/Cal/74. Carrier Corporation. Refrigeration condenser unit.
- 823/Cal/74. Girling Limited. Improvements in disc brakera for vehicles. (April 24, 1973).
- 824/Cal/74. Siemens Aktiengesellschaft. Switching devices.
- 825/Cal/74. The Chief Controller Research & Development (General), Research & Development Organisation, Ministry of Defence, Govt. of India. New Delhi (India). Process for waterproofing of cow/buffalo/ goat/sheep chrome leather.
- 826/Cal/74 Gulf Oil Corporation. Improved process for refining carbonaceous fuels.
- 827/Cal/74. Varta Batterie Aktiengesellschaft. Method of production for galvanic primary cells.
- 828/Cal/74. Research Corporation. Solubilized aspirin.

wherein  $R^1$ , taken alone, is a member of the class consisting of  $-OH$ ,  $C_1-C_6$  acyloxy, and tertiary-amino;  $R^2$  is  $-OH$  when  $R^1$  is  $-OH$ ;  $R^2$  is  $-OH$ , when  $R^1$  is  $C_1-C_6$  acyloxy;  $R^2$  is  $-O$  when  $R^1$  is tertiary-amino;  $R^1$  and  $R^2$  when taken together are  $-O-$ ;  $R^3$  is a member of the class consisting of phenyl, naphthyl, and the substitution products thereof having at least one substituent of the class consisting of halogen, nitro triflu-

oromethyl,  $C_1-C_6$  alkyl, and  $C_1-C_6$  alkoxy;  $R^4$  is a member of the class consisting of hydrogen and methyl; and  $R^5$  is a member of the class consisting of hydrogen and methyl; which comprises acylating a compound having the bicyclic ring structure of cephalosporin C and having a general formula represented by one of formulae of the



wherein  $R_1$  is  $-OH$  or a  $C_1-C_6$  acyloxy radical, and  $AM$  is a tertiary amino radical; with an acylating agent having at least one constituent radical of the general formula.



in which  $R^3$ ,  $R^4$  and  $R^5$  are as defined above.

CLASS 32F3c.

89012.

#### PROCESS FOR THE PREPARATION OF STEROID COMPOUNDS

RHONE-POULENC S. A., OF 22 AVENUE MONTAIGNE, PARIS, FRANCE.

Application No. 89012 filed July 20, 1963.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

Process for the preparation of steroid derivatives of the general formula shown in Figure I of the accompanying drawings (wherein  $R$  represents a hydrogen atom and  $R_1$  represents a  $\beta$ -hydroxy group, or  $R$  and  $R_1$  together represent an oxygen atom,  $X$  represents a hydrogen or halogen atom,  $X_1$  represents a hydrogen or halogen atom or a lower alkyl group,  $Y$  represents a hydrogen atom or a methyl group,  $Y_1$  represents a hydrogen atom or, in addition,  $Y$  and  $Y_1$  together represent a bond forming part of a double bond in the 1, 2-position, and  $A$  and  $B$  each represent a hydrogen atom or a lower alkyl, lower alkoxy, monocyclic aromatic, lower araliphatic or heterocyclic group, or  $A$  and  $B$  together represent a lower alkylene group) and water-soluble inetal and amine salts thereof, which comprises reacting an alcohol of the general formula shown in Figure II (wherein the various symbols are as hereinbefore defined) with 2-cyanoethyl phosphate at a temperature between  $0^\circ$  and  $60^\circ C$  in the presence of a carbodiimide as condensing agent and a tertiary amine as solvent, hydrolysing the 2-cyanoethyl and steroid phosphate thus obtained with a dilute aqueous solution of an alkali metal or alkaline earth metal hydroxide, and separating the resultant steroid derivative of the formula shown in Figure I from the reaction mixture as such or as an alkali metal or alkaline earth metal salt, and if desired converting the steroid derivative into a water-soluble metal or amine salt.

CLASS 32F2b & 55E4.

90243.

#### PROCESS FOR THE PREPARATION OF PYRROLIDYL TERTIARY ACETAMIDE DERIVATIVES

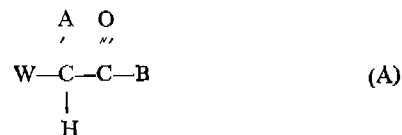
A. H. ROBINS COMPANY, INC., OF 1407 CUMMINGS DRIVE, RICHMOND 20, VIRGINIA, U.S.A.

Application No. 90243 filed October 11, 1963.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims

A process for the preparation of an  $\alpha$ -(1-substituted-3-pyrrolidyl) tertiary acetamide having the formula I shown in the accompanying drawings, wherein  $R$  is selected from the group consisting of lower-alkyl, cycloalkyl, and monocarbocyclic aralkyl,  $A$  is monocarbocyclic aryl,  $R'$  is selected from the group consisting of monocarbocyclic aryl and monocarbocyclic aralkyl,  $R''$  is selected from the group consisting of hydrogen and methyl, a maximum of two  $R''$  being other than hydrogen, and  $B$  is a tertiary amino radical, and acid addition salts thereof, which comprises reacting an alkali or alkaline earth metal carbanion of a compound having the formula :



wherein  $W$  is selected from the group consisting of (a) a 1-substituted-3-pyrrolioyl radical of the formula present in Formula I and (b)  $R'$  wherein  $R'$  has the value previously assigned, and wherein  $A$  and  $B$  have the values previously assigned, with a compound having the formula :



wherein  $X$  is selected from the group consisting of replaceable non-aromatic-bonded halogen and alkylsulfonate and arylsulfonate ester radicals, wherein  $Z$  is selected from the group consisting of a 1-substituted-3-pyrrolidyl radical of the formula present in Formula I and a monocarbocyclic aralkyl radical, a 1-substituted-3-pyrrolidyl radical being present in only one of the starting materials  $A$  and  $B$ , and separating a compound of Formula I or an acid addition salt thereof as a product of the reaction.

CLASS 55E2 & 189.

96693.

#### IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF ANTI-FUNGUS FOOT CREAM

Haji Iqbal Haji Abdul Rehman, OF 45, JANJIKAR STREET, BOMBAY-3, MAHARASHTRA, INDIA.

Application No. 96693 filed November 25, 1964.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 2 Claims—No drawings

A method of manufacturing anti-fungus foot cream consisting of :

- (i) Sesame Oil B.P.,
- (ii) Glycerine B.P.,
- (iii) Borax B.P.,
- (iv) Paraffin Base consisting of
  - (a) White Soft Paraffin,
  - (b) Liquid Paraffin,
  - (c) Lanolin,
  - (d) Bees Wax,

- (e) Lanolin Wax,
- (f) Water, and
- (g) Perfume,

which method consists of the following stages

(i) in the first stage white soft paraffin, lanolin wax and lanolin and bees wax are mixed together and melted in a vessel and then liquid paraffin and sesame oil are added and mixed well for one hour;

(ii) in the second stage Borax B.P. is dissolved in water with the aid of heat and then added to the mix of the first stage drop by drop and mixed well for one hour at 60°C.;

(iii) in the third stage Glycerine B.P. is added drop by drop to the mix of the second stage and then further mixed for half hour;

(iv) in the fourth stage the mix of the third stage is passed through a pulverisor twice at 50°C. and then perfume is added and mixed in a stirrer at 40°C.; and

(v) in the fifth stage the mix of the fourth stage is filtered and filled in bottles.

CLASS 70C5.

121985.

#### A PROCESS FOR PREPARING BIOCIDALLY ACTIVE AQUEOUS MEDIUM

ROSS MERTON GWYNN AND TIM THEM, OF 4724 DONNIE LYN WAY AND 5735 HESPER WAY, RESPECTIVELY, CARMICHAEL, STATE OF CALIFORNIA, U.S.A.

Application No. 121985 filed June 25, 1969.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 13 Claims—No drawings

The process for preparing biocidally active aqueous medium that comprises electrolyzing an aqueous medium containing about 10 ppm to 21,000 ppm of chloride ion and essentially free of other halide ions between spaced electrodes, with the exposed surface of at least the anode having a continuous surface of a platinum metal, at a watt density of about 10 to 100 watts per square inch of electrode surface, the maximum current density being about 5 amperes per square inch of electrode surface, and the minimum potential being about 10 volts, with the effluent medium at a temperature in the range of about 55—95°F., and at a pH within the range of about 6 to 8.5, to thereby generate in said medium chlorine together with free radicals and other oxidizing species including ozone, said ozone being present in an amount to provide at least one part by weight of ozone to each 50 parts by weight of available chlorine in said effluent.

CLASS 32F1+F2b & 55E4.

126649.

#### PROCESS FOR THE PRODUCTION OF NEW PYRAZOLO (3, 4-A) (1, 4) DIAZEPIN-7(1H)-ONE COMPOUNDS

PARKE, DAVIS & COMPANY, AT THE CITY OF DETROIT, STATE OF MICHIGAN, U.S.A.

Application No. 126649 filed May 13, 1970.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

Process for the production of pyrazolodiazepinones having the formula I of the accompanying drawings and salts thereof, where R<sub>1</sub> is methyl or ethyl, R<sub>2</sub> is an alkyl group having fewer than 4 carbon atoms or chlorine, R<sub>3</sub> is hydrogen or methyl, and Ar is phenyl, *o*-fluorophenyl, or *o*-chlorophenyl; characterized in that a 4-aryl-5-(2-phthalimido-acetamido) pyrazole compound having the formula II is reacted with hydrazine; and, if desired, a compound produced by the process, wherein R<sub>3</sub> is hydrogen, is further reacted with a methylating agent in the presence of a base to produce a process product wherein R<sub>3</sub> is methyl.

CLASS 32F2a+F2c, 55E4 & 83A1.

128087

#### PROCESS FOR PREPARING WATER-INSOLUBLE SALTS OF BASIC AMINO ACID

KYOWA HAKKO KOGYO KABUSHIKI KAISHA, OF NO. 6-1, 1-CHOME, OHTEMACHI, CHIYODA-KU, TOKYO, JAPAN.

Application No. 128087 filed August 19, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 13 Claims—No drawings

A process of preparing water-insoluble salts of a quantity of a basic amino acid such as herein described which comprises contacting the basic amino acid or a water-soluble salt thereof with thereot with a C<sub>12</sub>-C<sub>18</sub> alkyl sulfuric acid a, C<sub>12</sub>-C<sub>18</sub> fatty acid or a naphthalenesulfonic acid or with a sodium or potassium salt of such an acid.

CLASS 32F1+F2b.

129387.

#### THE METHOD OF PREPARING THE NEUROLEPTICALLY ACTIVE 10-PIPERAZINO-10-11-DIHYDRODIBENZO (B, F) THIEPINS

SPOFA SPOJENE PODNIKY PRO ZDRAVOTNICKOU VYROBU, PRAHA, CZECHOSLOVAKIA.

Application No. 129387 filed November 25, 1970.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A method of producing neuroleptically active 10-piperazino-10, 11-dihydrodibenzo (b, f) thiepins of the general formula I of the accompanying drawings, wherein R signifies an atom of hydrogen, an atom of halogen, a trifluoromethyl, an alkyl R, an alkoxy OR, an alkylthio-group SR, an alkanesulphonyl group SO<sub>2</sub>R, a nitro or cyano group, R<sup>2</sup> signifies a hydrogen atom, an alkyl R, an alkenyl, alkynyl, hydroxyalkyl, cycloalkyl, cycloalkylalkyl or aralkyl groups, the alkyl R being in all cases a straight or branched aliphatic hydrocarbon residue with 1-4 carbon atoms, the alkenyl and alkynyl being residues with 2-4 carbon atoms, the cycloalkyl being cyclopropyl to cyclooctyl, and the aralkyl group may be substituted in the benzene nucleus with an alkyl group, a halogen atom, an alkoxy group, an alkylthio group or a trifluoromethyl group, and the salts thereof, which comprises reacting of 10-[bis(2-halogenoethyl)-amino]-10, 11-dihydrodibenzo (b, f) thiepins of the general formula II of the drawings, wherein R<sup>1</sup> designates the same as in the formula I and Hal designates an atom of chlorine or bromine, with compounds of the general formula III of the drawings, wherein R<sup>2</sup> designates the same as in the formula I, and, if desired, transforming the bases obtained in this manner into their salts by neutralisation with inorganic or organic acids.

CLASS 32C & 55E4.

132258.

#### PHARMACOLOGICALLY VALUABLE PREPARATIONS FOR USE AS ORAL CONTRACEPTIVE.

DR. CHHAJURAM MANSARAM BHANOTRA, 80, MARINE DRIVE, BOMBAY-2, STATE OF MAHARASHTRA, INDIA.

Application No. 132258 filed July 27, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 3 Claims—No drawings.

A process for the manufacture of pharmacologically valuable preparations from Embelia ribes for use as oral contraceptive, where in (a) dried, unripe berries of Embelia ribes are ground and sieved through a 60 mesh sieve. powder passing through the sieve is extracted in solvent ether and filtered leaving a residue which is air dried; (b) the dried residue obtained from step (a) is extracted in ethyl alcohol and filtered leaving a residue which is dried; (c) the residue of step (b) is taken up in distilled water and stored for 48 hours with occasional shaking, the suspension is filtered and

the remaining residue is again taken up in distilled water and extracted and filtered, thereafter the filtered aqueous extracts are pooled and dried in shallow pans in a current of dry air to leave a residue; (d) clean dried seeds of *semecarpus anacardium* are taken and heated in distilled water whereby scum rising above the water is removed and then the seeds are soaked in distilled water after which their pericarps are peeled off from the seeds and the peeled-off seeds are dried in a current of dry air; (e) the dried seeds are oil expressed and the oil is discarded; (f) the pasty residue of step (e) is then spread over blotting paper and allowed to dry in a heating chamber at 50°C. whereby traces of oil are removed leaving a dry powdered residue; (g) finally equal quantities of the extract of step (c) and the powdered residue of step (f) are mixed.

## CLASS 127C.

132617.

## PROCESS OF MAKING POWER TRANSMISSION ENDLESS BELTS.

VASANT ENGINEERING LTD., OF SHREE YAMUNA MILLS ROAD, PRATAPNAGAR, BARODA-4, (GUJARAT STATE), INDIA.

Application No. 132617 filed August 23, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 2 Claims.

Method of making a power transmission endless belt comprising load bearing member of low stretch textile, such as synthetic cord e.g. spirally wound cord, having teeth of an elastomeric material, such as rubber or synthetic rubber bonded on its one face across the width of the belt at pre-determined distances throughout the length of the belt, the other face of the load bearing member having a backing of rubberised fabric; the teeth being covered by fabric of hard wearing synthetic plastics like nylon; said teeth adapted to, during use, mesh with complimentary serrations or teeth on pulleys over and around which said belt is stretched. said teeth having rhomboidal section, comprising stretching a fabric of hard wearing synthetic plastics like nylon over a toothed wheel covering its entire surface, the circumference of the wheel corresponding to the total length of the endless belt and the width of the wheel corresponding to the width of the belt, inserting teeth of the elastomeric material in the grooves over which said fabric is stretched, spreading over this assembly longitudinally extending synthetic cord such as spirally wound cord and covering the cord with rubberised fabric, heat pressing the final assembly and slipping off the belt so formed from the toothed wheel.

## CLASS 44 &amp; 109.

132785.

## WATCH SUPPORTING DEVICE BEING A TYPE OF BRACELET.

FILIPPE NERI FERNANDES, 17, KOHINOOR ROAD, DADAR, BOMBAY-14.

Application No. 132785 filed September 4, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 14 Claims.

A device for supporting a watch, being a type of bracelet comprising two straps, one strap adapted to be connected to one end of a watch and the other to the other end of the watch; one of the straps being longer than the other; holding means at free-end of each strap, end of longer strap being passed through the holding means of the shorter strap and the other end of the longer strap passed through the holding means of the same, longer, strap so that on the watch being secured to the bracelet two inter-connecting loops are formed; and at least one fastening means to fasten the two loops together or to fasten one strap to the other strap.

## CLASS 32F1+F2b &amp; 55E4.

132959.

## PROCESS FOR THE PRODUCTION OF NEW PYRAZOLO [3, 4-E] [1, 4] DIAZEPIN-7(1H)-ONE COMPOUNDS.

PARKE, DAVIS & COMPANY, AT THE CITY OF DETROIT, STATE OF MICHIGAN, U.S.A.

Application No. 132959 filed September 18, 1971.

Division of Application No. 126649 filed May 13, 1970.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

Process for the production of pyrazolodiazepinone compounds having the formula I of the accompanying drawings and salts thereof, where  $R_1$  is methyl or ethyl,  $R_2$  is an alkyl group having fewer than 4 carbon atoms or chlorine,  $R_3$  is hydrogen or methyl, and Ar is phenyl, o-fluorophenyl, or o-chlorophenyl characterized in that a pyrazole compound having the formula II or a salt thereof is reacted with ammonia, where Z is bromine, chlorine, iodine, alkylsulfonyl group, or an arylsulfonyl group; and, if desired, a compound produced by the process, where  $R_3$  is hydrogen or a salt thereof, is further reacted with a methylating agent in the presence of a base to produce a process product wherein  $R_3$  is methyl.

## CLASS 32F1+F2b &amp; 55E4.

132960.

## PROCESS FOR THE PRODUCTION OF NEW PYRAZOLO [3, 4-E] [1, 4] DIAZEPIN-7(1H)-ONE COMPOUNDS

PARKE, DAVIS & COMPANY, AT THE CITY OF DETROIT, STATE OF MICHIGAN, U.S.A.

Application No. 132960 filed September 18, 1971.

Division of Application No. 126649 filed May 13, 1970.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims

Process for the production of pyrazolodiazepinone compounds having the formula I of the accompanying drawings where  $R_1$  is methyl or ethyl,  $R_2$  is an alkyl group having fewer than 4 carbon atoms or chlorine,  $R_3$  is hydrogen or methyl, and Ar is phenyl, o-fluorophenyl, or o-chlorophenyl; characterized in that a 5-(2-aminoacetamido)-4-arylpyrazole compound having the formula II is brought into solution under neutral or alkaline conditions, whereby said 5-(2-aminoacetamido)-4-arylpyrazole compound undergoes cyclization; and, if desired, a compound produced by the process, wherein  $R_3$  is hydrogen, is further reacted with a methylating agent in the presence of a base to produce a process product wherein  $R_3$  is methyl.

## CLASS 32F1+F2b &amp; 55E4.

132961.

## METHOD FOR THE PRODUCTION OF NEW PYRAZOLO [3, 4-E] [1, 4] DIAZEPIN-7(1H)-ONE COMPOUNDS

PARKE, DAVIS & COMPANY, AT THE CITY OF DETROIT, STATE OF MICHIGAN, U.S.A.

Application No. 132961 filed September 18, 1971.

Division of Application No. 126649 filed May 13, 1970.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

Process for the production of pyrazolodiazepinone compounds having the formula I of the accompanying drawings where  $R_1$  is methyl or ethyl,  $R_2$  is an alkyl group having fewer than 4 carbon atoms,  $R_3$  is hydrogen or methyl, and Ar is phenyl, o-fluorophenyl, or o-chlorophenyl; characterized in that a 5-amino-4-benzimidoylpyrazole compound having the formula III is reacted with a haloacetyl halide compound having the formula IV in the presence of a base; where X is bromine, chlorine, or iodine, and  $X_1$  is bromine or chlorine; and, if desired, a compound produced by the process, wherein  $R_3$  is hydrogen, is further reacted with a methylating agent in the presence of a base to produce a process product wherein  $R_3$  is methyl.

CLASS 172B+D8.

133036.

## OPEN END SPINNING

TEXTILE & ALLIED INDUSTRIES RESEARCH ORGANISATION, KALA BHAVAN PREMISES, BARODA 1, GUJARAT, INDIA

Application No. 133036 filed September 24, 1971.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 17 Claims

A method of open-end spinning of yarn comprising feeding fibres opened out by a licker-in roller to internal fibre collecting surface of spinning chamber of an open-end rotor rotated at speeds of 30,000 r.p.m. or above, suction being applied to the spinning chamber, the yarn being drawn through a yarn delivery passage formed on either side of the spinning chamber i.e. either in the shank of the rotor or in a housing for the licker-in roller, the yarn being led to a winding means through a yarn take-off means.

CLASS 154A,

133260.

## IMPROVEMENTS IN OR RELATING TO LITHOGRAPHIC PRINTING PLATES

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 133260 filed October 19, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims—No drawings

A process for the production of trimetal printing plates by electroplating copper on mild steel from a low cyanide copper bath and this copperised mild steel is further built up with copper to a uniform thickness of 0.001 inch to 0.002 inch from a bath consisting of copper sulphate, sulphuric acid, absolute alcohol and glue and over this thick copper chromium of dull and grey appearance is deposited uniformly to a thickness of 0.0001 inch to 0.0002 (2-5 microns) from a bath of chromic acid and sulphuric acid or from a bath of chromic acid of chromic acid calcium carbonate and calcium sulphate.

CLASS 145B+C.

133614.

## MANUFACTURE OF SECURITY PAPERS

HAROLD MALCOLM GORDON-WILLIAMS, OF FIELD COTTAGE, COTTAGE LANE, SEDLESCOMBE, NEAR BATTLE, SUSSEX, ENGLAND AND FORMERLY OF THE WHITE HOUSE, HIGHFIELDS, HENHAM, BISHOPS STORTFORD, ESSEX.

Application No. 133614 filed November 15, 1971.

Convention date November 16, 1970 (54495/70) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 18 Claims

A method of making security paper in which non-cellulosic material is incorporated in the body of the paper, characterised by the material being a thermoplastic material and by raising the temperature of the thermoplastic material to a level at which the material fuses.

CLASS 126C.

133629.

## AN OPTICAL DEFLECTION MAGNIFIER FOR INCREASING THE SENSITIVITY OF ELECTRICAL MEASURING SYSTEM

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 133629 filed November 16, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

An optical deflection magnifier for increasing the sensitivity of electrical measuring system comprising a deflecting mirror attached to, and actuated by a sensing element, characterised in

that a tiltable mirror is placed on a support opposite the deflecting mirror and facing the deflecting mirror in a manner that an incoming beam of light falling on the deflecting mirror undergoes multiple reflections between the two mirrors and sends back an outgoing beam having a greatly magnified deflection, thereby giving a greatly magnified deflection of the spot image on a scale.

CLASS 206A.

133889

## A VEHICLE WINDOW PANE CARRYING ANTENNA CONDUCTOR

SAINT-GOBAIN, OF 62 BOULEVARD VICTOR HUGO, 92 NEUILLY SUR SEINE, FRANCE.

Application No. 133889 filed December 8, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 13 Claims

A vehicle window pane carrying antenna conductors in combination with a screening conductor in the form of a closed loop adjacent the edge of the pane in the zone of the pane mounting.

CLASS 92C.

134030.

## PROCESS OF DECUTICLING SESAME SEEDS

TATA LAKSHMINARAYAN, MAMDUR RADHAKRISHNAMURTHY SURENDRA NATH, RUPAKULA KASI VISWANADHAM, SIR DESAI THIRUMALA RAO AND BOYAPALLE RAMI REDDY, ALL OF OIL TECHNOLOGICAL RESEARCH INSTITUTE, ANANTAPUR, DEPARTMENT OF INDUSTRIES, ANDHRA PRADESH, INDIA.

Application No. 134030 filed December 21, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 6 Claims

A process of decuticling sesame seeds which comprises accelerating disentangling of cuticles from seeds by soaking the whole seeds in water to which alkali chemicals, such as sodium hydroxide sodium carbonate, or sodium bicarbonate, have been added and passing the soaked seeds continuously without application of any heat or pressure, through a coaxial screw conveyor type of device having a chamber or cage provided with a rotating shaft fitted with a worm assembly having threads welded to the worm and subjecting the moist mass issuing out of the chamber or cage to conventional mode of separating the decuticled seeds from the cuticles.

CLASS 129J.

134452.

## METHOD OF PRODUCING THIN FLAT ROLLED STEEL PRODUCTS HAVING SUBSTANTIAL AGING-RESISTANCE

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 134452 filed February 1, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims—No drawings

A method of producing thin flat rolled steel products having substantial aging-resistance comprising forming a steel melt consisting of 0.01-0.08% carbon, 0.20-0.60% manganese, 0.03-0.08% silicon, 0.004-0.015% aluminium with a balance of iron and other usual steelmaking impurities including oxygen and nitrogen; adding up to about 0.01% boron to the steel to provide a boron to nitrogen ratio of 1.4 to 2.5 when the oxygen content is more than about 150 p.p.m. and a ratio of 1.0 to 1.7 when the oxygen content is less than 150 p.p.m.; casting and forming the steel into a slab form suitable for hot rolling; reheating and hot rolling the slab to hot rolled sheet thickness, thereafter coiling the hot rolled sheet at a temperature above 1100°F.; and finally pickling, cold-rolling and annealing the hot rolled steel in accordance with conventional mill practices.

CLASS 32F1.

134467.

PROCESS FOR THE MANUFACTURE OF 11  $\beta$  HALO-STERIODS OF THE CESTRANE SERIES

N.V. ORGANON, OF KLOOSTERSTRAAT 6, OSS, HOLLAND, THE NETHERLANDS.

Application No. 134467 filed February 2, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

Process for the manufacture of 11  $\beta$ -halo-steroids of the cestrane series, characterized in that novel compounds of the formula shown in Fig. 1 of the accompanying drawings, in which  $R_1$  = alkyl group with 1-4 C-atoms.

$R_2$  = a keto group or ( $\alpha$  P) ( $\beta$  Q), in which

p = hydrogen, an alkyl, alkenyl, or alkynyl group with 1-4 C-atoms,

Q = a free, esterified or etherified hydroxyl group,

$R_3$  = hydrogen, or a methyl group,

$R_4$  = fluorine, chlorine or bromine,

are prepared by reacting the corresponding 11  $\alpha$ -hydroxy compound with a halogenating agent as herein defined, so as to produce an 11  $\beta$ -halo-steroid, after which the substituents desired in position 17, if not yet present, are introduced by a method or methods as herein defined.

CLASS 70A—B.

134489.

## ELECTROLYSIS CELL WITH LIQUID ELECTRODE

FRIEDRICH UHDE GMBH OF DESGGINGSTRASSE 10-12, 46 DORTMUND, WEST GERMANY.

Application No. 134489 filed February 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims—No drawings

In a mercury cathode electrolytic cell, as used for the alkaline chloride electrolysis process, having a bottom through which electric current is discharged from the mercury cathode to the anodes of the laterally adjoining cell, the improvement comprising a horizontally disposed cell bottom, said bottom being of two layers, and one layer being a carrier material of aluminium or aluminium alloy, and the other layer of said bottom being thin and of electrical contact material having a thickness of less than 1 mm. to be wetted by the mercury cathode and possessing adequate resistance to attack thereby, said thin layer being of good general corrosion resistance and having little tendency to fouling.

CLASS 110.

134539.

## METHOD AND APPARATUS FOR THREAD-SEALING TOGETHER TWO SHEET PORTIONS

VEB POLYGRAPH LEIPZIG KOMBINAT FUR POLYGRAPHISCHE MASCHINEN UND AUSRUSTUNGEN, OF

59, ZWEINAUNDORFER STRASSE, 705 LEIPZIG, EAST GERMANY.

Application No. 134539 filed February 8, 1972.

Convention date May 14, 1971 (14953/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 23 Claims

A method of thread sealing together two sheet portions, comprising the steps of feeding the sheet portions continuously along a path, applying a thread piece to one external surface of the two sheet portions when superposed, stitching the ends of the thread piece to the sheet portions to produce legs of the thread piece protruding from the opposite external surface of the superposed sheet portions, and sealing the legs to that opposite surface.

CLASS 110.

134540.

## A METHOD OF AN APPARATUS FOR STITCHING AT LEAST TWO SUPERPOSED SHEET PORTIONS

VEB POLYGRAPH LEIPZIG, KOMBINAT FUR POLYGRAPHISCHE MASCHINEN UND AUSRUSTUNGEN, OF 59, ZWEINAUNDORFER STRASSE, 705 LEIPZIG, EAST GERMANY.

Application No. 134540 filed February 8, 1972.

Convention date May 14, 1971 (14952/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 22 Claims

In a method of stitching together at least two superposed sheet portions, comprising the combination of the steps of releasing a thread from a thread supply, passing the thread in a length corresponding to a desired number of thread clasps to be successively produced to the surface of a thread-supporting disc for transporting the thread into contact with the superposed sheet portions to be thread stitched together, and mounted to be rotated with the disc, and cutting the thread into successive lengths each corresponding in length to that of a single clasp while the thread is rotating with the thread-supporting disc prior to the steps of stitching.

CLASS 32Ai.

134631.

## WATER-INSOLUBLE AZO DYESTUFFS AND PROCESS FOR PREPARING THEM.

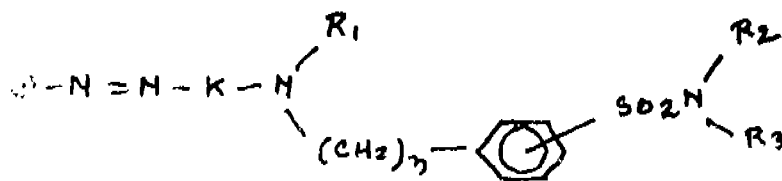
FARBWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MIESTER LUCIUS &amp; BRUNING, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 134631 filed February 16, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims.

A process for preparing water-insoluble monoazo dyestuffs of the general formula,



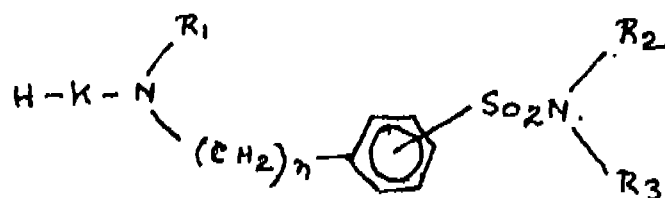
in which D represents the radical of a diazo component of the benzene, azo benzene or heterocyclic series being free from water-solubilizing groups, K a radical of the benzene or naphthalene series, which may contain non-water-solubilizing groups as herein defined to which the substituted amino group and the azo group are bound in apposition to each other,  $R_1$  represents a hydrogen atom or an alkyl radical having from

1 to 4 carbon atoms which may be substituted by non-water solubilizing groups, as herein defined  $R_2$  and  $R_3$  each represent hydrogen atoms or alkyl groups having from 1 to 4 carbon atoms, and n represents a number of from 1 to 3, wherein an amine of the general formula



wherein D is, as defined above, is diazotized by a method

such as herein defined and coupled with a coupling component of the general formula,



wherein K, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, and n are as defined above.

CLASS 83A & 182B.

134739.

#### A PROCESS FOR PRODUCING FRUCTOSE-CONTAINING SYRUP

STANDARD BRANDS INCORPORATED, OF 625 MADISON AVENUE, NEW YORK, STATE OF NEW YORK 10022, U.S.A.

Application No. 134739 filed February 24, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims—No drawings

A process for producing fructose-containing syrup which comprises enzymatically converting starch to dextrose and then enzymatically converting dextrose to fructose, thereby obtaining fructose-containing syrup having from 5 to 80 per cent fructose, from 20 to 60 per cent dextrose, less than 2 per cent non-fructose ketose sugars, less than 1 per cent non-dextrose and -fructose monosaccharides, from 2 to 40 per cent disaccharides principally comprising maltose and from 0 to 35 per cent trisaccharides, the syrup developing less than about 0.05 colour when maintained in a boiling water bath for 1 hour.

CLASS 69N.

134876.

#### IMPROVED SPACED-METALLIC-PLATE-TYPE OF ARC CHUTE FOR A SWITCH

WESTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, U.S.A.

Application No. 134876 filed March 8, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

In or for a circuit interrupter having a pair of separable arcing contacts and at least one pair of separable main contacts adjacent said arcing contacts: an arc chute comprising a plurality of substantially parallel spaced plates of a magnetizable metal, each of said plates having formed therein a slot accommodating the main as well as arcing contacts & being defined by inner edges of the plates which closely surround both the main and arcing contacts of the circuit interrupter, with which the arc chute is used at three sides thereof.

CLASS 152E & 170D.

135085.

#### MODIFIED ANIONIC PAPER-SIZING AGENTS

BAYER AKTIENGESELLSCHAFT, FORMERLY KNOWN AS FARBENFABRIKEN BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 135085 filed March 28, 1972.

Convention date June 24, 1971 (30443/71) Australia.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

Modified anionic sizing agent, which comprises a mixture (as hereinbefore defined) of:

I. a from 5 to 50% by weight aqueous solution of a water-soluble reaction product of

(a) a copolymer containing

30 to 70 mol % of copolymerised units of olefinically unsaturated monomers, and  
70 to 30 mol % of copolymerized units of maleic acid imide or itaconic acid amide from 0 to 50% by weight of these imide units being replaceable by carboxy or carboxy-carbamoyl groups or salts thereof,

with

(b) 0.4 to 100 equivalents per imide group in copolymer A of ammonia, of an aliphatic or cycloaliphatic amine, an alkali metal carbonate or alkali metal bicarbonate or mixtures thereof, preferably ammonia, and

II. a from 5 to 50% by weight latex of a copolymer of olefinically unsaturated monomers,

the weight ratio of mixture I and II being from 1:15 to 15:1.

CLASS 32E.

135139.

#### A PROCESS FOR BULK POLYMERISING VINYL CHLORIDE OR VINYL CHLORIDE AND ANOTHER MONOMER

RHONE-PROGIL, OF 6 RUE PICCINI, 75-PARIS 16E, FRANCE.

Application No. 135139 filed April, 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 21 Claims

A process for bulk polymerising vinyl chloride or vinyl chloride and another monomer which may be copolymerised with vinyl chloride comprising carrying out at least part of the polymerisation in a polymerisation medium such as herein described containing at least one polymerisation initiator having a half-life of less than one hour at the polymerisation temperature by introducing into the polymerisation medium, such as herein described a first fraction (A) of said polymerisation initiator and then a complementary fraction of said polymerisation initiator as a solution (B) in the or at least one of the monomers which are to be polymerised, continuously and in a finely divided form.

CLASS 6B & 172D.

135167.

#### METHOD AND DEVICE FOR CLEANING ELONGATED TEXTILE MACHINES, SUCH AS SPINNING FRAMES

PARKS-CRAMER COMPANY, POST OFFICE BOX 444, FITCHBURG, MASSACHUSETTS, U.S.A.

Application No. 135167 filed April 4, 1972.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 18 Claims

A method of removing lint and the like from an elongate textile machine such as a spinning frame comprising the steps of travelling a housing in one direction above and along the machine with at least one tube depending from the housing to a position in an aisle space to one side of the machine while inducing a flow of air through the housing and at least one tube for pneumatic cleaning, rotating said tube about a substantially vertical axis overlying the machine when the housing approaches an end portion of the machine and thereby simultaneously swinging the said tube around the end of the machine to a position in an aisle space to the opposite side of the machine and then causing said housing and said one tube to travel in the opposite direction along the machine while inducing a flow of



air through the housing and at least one tube for further pneumatic cleaning.

CLASS 29D & 67C.

135190.

# RADIO RELAY NETWORK SYSTEM FOR THE TRANSMISSION OF DIGITAL SIGNALS CONTAINING AT LEAST ONE RADIO RELAY STATION SERVING A PLURALITY OF RADIO RELAY LINKS

SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND  
MUNICH, GERMANY (WEST).

Application No. 135190 filed April 6, 1972.

Convention date December 21, 1971 (59260/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

Radio relay network system for the transmission of digital signals containing at least one radio relay station serving a plurality of radio relay links, each said radio relay link comprising at least one link section, each said link section being formed from a transmitter in one station and associated receiver in an adjacent station, wherein the radio relay links are transmitted in the same frequency band, wherein as long as no fading occurs on a link section, the transmitter of said link section is operated with a transmitting power which is such that the receiving level at the receiver at the other end of the link section is 10 to 20 dB greater than the level of interference signals at said receiver, said interference signals being produced by receiver noise and same channel interference sources, and wherein in the case of a reduction in the receiving field strength at the receiver of said link section, the transmitting power of the transmitter of said link section is increased by means of a

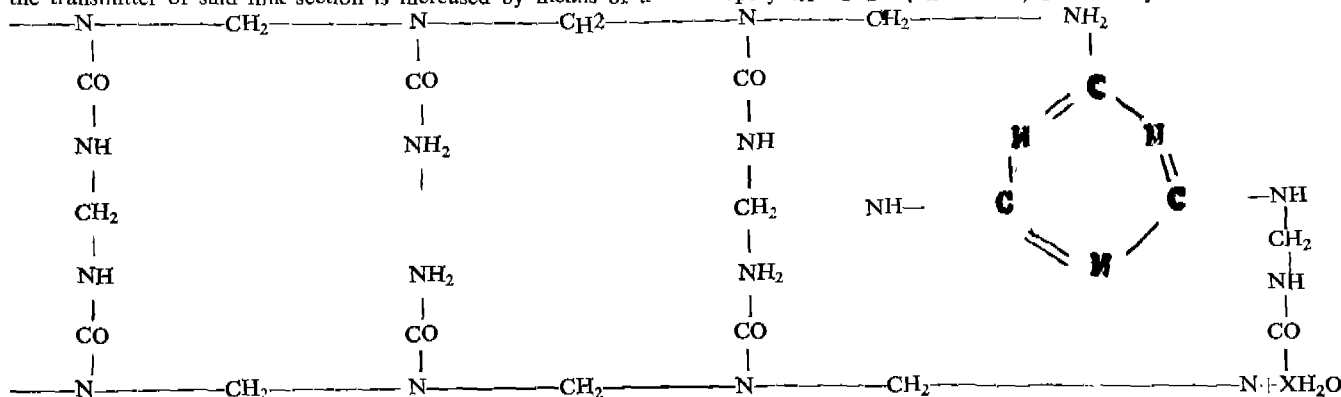


Fig 2. Final Copolymer of Urea Melamine and Formaldehyde

and which process comprises mixing the chemicals in proportion stated below in 37% formaldehyde solution at atmospheric temperature and pressure :—

- |                        |            |
|------------------------|------------|
| (i) Urea               | 38.6 gms.  |
| (ii) Ammonium chloride | 15.00 gms. |
| (iii) Melamine         | 2.00 gms.  |

CLASS 62Ci & 154H.

135335.

# PROCESS FOR DYEING AND PRINTING TEXTILE MATERIALS CONTAINING ACID GROUPS WITH BASIC DYE STUFFS.

FARBWERKE HOECHST AKTIENGESELLSCHAFT  
VORMALS MEISTER LUCIUS AND BRUNING, OF 45,  
BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL  
REPUBLIC OF GERMANY.

Application No. 135335 filed April 19, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims

A process for the dyeing or printing of a textile material made from a polymer or copolymer of acrylonitrile containing

control loop via an auxiliary channel from the receiver of said link section to the transmitter of said link section.

CLASS 32D.

135217.

# PROCESS FOR PRODUCING DILITHIO HYDROCARBONS.

THE FIRESTONE TIRE & RUBBER COMPANY, OF  
1200 FIRESTONE PARKWAY, AKRON, STATE OF OHIO,  
U.S.A.

Application No. 135217 filed April 10, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.—No drawings.

The method of producing dilithio hydrocarbons which comprises heating allyllithium or a hydrocarbon-substituted allyllithium which contains allylic hydrogen in the hydrocarbon substituents at a temperature of from 50 to 150°C. for 20 to 200 hours.

CLASS 27-L

135283.

## CHEMICAL GROUT FOR WATER BEARING STRUCTURES.

THE DIRECTOR, MAHARASHTRA ENGINEERING  
RESEARCH INSTITUTE, NASIK-DINDORI ROAD, NISIK-  
4. MAHARASHTRA STATE.

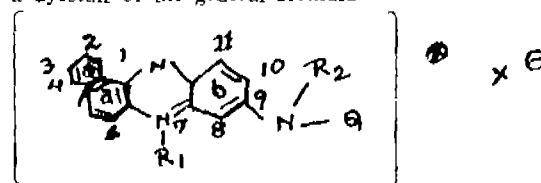
Application No 135283 filed April 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 2. Claims.

A process, for making chemical grout-compound which is a copolymer of urea, melamine, formaldehyde of the formula

acid groups which comprises treating the said textile material with a dyestuff of the general formula



in which R<sub>1</sub> represents an alkyl, aralkyl, aryl or heterocyclic radical which may be substituted such as herein described R<sub>2</sub> represents hydrogen or an alkyl or aralkyl radical which may be substituted, such as hydroxy group Q represents an aromatic or heterocyclic radical which may be condensed with the benzene nucleus *b* and X represents an anion and the benzene radical *a* and *b* as well as the radical Q may contain further non-ionogenic substituents such as herein described with a neutral or acidic liquor or paste containing acetic or a mineral acid, optionally in the presence of known auxiliaries, and finishing the dyeings and prints so obtained in usual manner.

CLASS 172B+D8.

135696.

### ROTOR FOR OPEN-END SPINNING.

THE TEXTILE AND ALLIED INDUSTRIES RESEARCH  
ORGANISATION, OF KALA BHAWAN PREMISES,  
BARODA-1 GUJARAT, INDIA.

Application No. 119/Bom/72 filed December 5, 1972.

Division of Application No. 133036 filed September 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 8 Claims.

A spinning rotor for open end spinning machines comprising a shank carrying at one end a substantially shell shaped round spinning chamber, internal surface of the edge of the spinning chamber comprising fibre collecting surface, characterised in that said fibre collecting surface is perforated, through perforations whereof suction is adapted to be applied to the spinning chamber; fibre feed opening in the shell section i.e. the side which is away from the shank, a yarn delivery passage formed in said shank and axially thereof to deliver the yarn formed by collection of the fibres from the collecting surface by end of a piecing yarn and twisting thereof due to rotation of the rotor.

CLASS 172B+D8

135697

#### IMPROVED OPEN-END SPINNING DEVICE

THE TEXTILE AND ALLIED INDUSTRIES RESEARCH ORGANISATION, OF KALA BHAVAN PREMISES, BARODA-1, GUJARAT, INDIA.

Application No. 120/Bom/72 filed December 5, 1972.

Division of Application No. 133036 filed September 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 10 Claims

An open-end spinning device comprising a spinning rotor, a housing for the rotor, said rotor having a spinning chamber, said chamber having an internal fibre collecting surface; a fibre feed passage, inclinedly disposed to the horizontal axis of the rotor, through which passage opened out fibres are adapted to be fed to the chamber and delivered adjacent the fibre collecting surface; a yarn delivery passage also inclinedly disposed to said horizontal axis and cross-wise to the fibre feed passage but in a different plane; said passages passing through a stop member forming a part of the licker-in housing said stop member closing the front open end of the spinning chamber, said yarn delivery passage directly leading the yarn through yarn take-up means to be wound.

CLASS 172B+D8

135698

#### HOUSING FOR AN OPEN-END ROTOR

THE TEXTILE AND ALLIED INDUSTRIES RESEARCH ORGANISATION, OF KALA BHAVAN PREMISES, BARODA-1, GUJARAT, INDIA.

Application No. 121/Bom/72 filed December 5, 1972.

Division of Application No. 133036 filed September 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 2 Claims

A housing for a rotor for open-end spinning of the kind comprising a shank and a shell shaped spinning chamber at one end of the shank, fibre collecting surface of the chamber being perforated and front thereof open for fibre feed, said housing comprising two body sections, (i) a main body section in which the spinning chamber of the rotor with front rotor bearing and part of the shank and associated drive means is housed, said main body section having a suction chamber adapted to be closed by a stop means formed as a part of the licker-in housing at fibre feed end and adapted to be connected to a suction means on the side of perforations in the spinning chamber, and (ii) second body section housing whole, or substantially the whole of the remaining shank portion carrying back rotor bearing; the two body section being detachably fitted to each other.

CLASS 148M

135699

#### ELECTROPHOTOGRAPHIC COPYING MACHINE

CANON KABUSHIKI KAISHA, OF 30-2, 3 CHOME, SHIMOMARUKO, OHTA-KU, JAPAN.

Application No. 239/72 filed May 18, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

An electrophotographic copying machine comprising a photosensitive member having an insulating surface; a first charger means for uniformly imparting the charge upon the surface of said photosensitive member; means for projecting a light image upon the surface of said photosensitive member and simultaneously imparting the charge with the polarity opposite to that of the charge imparted by said first charger means or effecting the d-c or a-c corona discharge, said means comprising corona discharge electrodes, auxiliary electrodes surrounding said corona discharge electrodes and defining an optical aperture and an opening for discharge, and grounded grid electrodes disposed in the proximity of said discharge opening defined by said auxiliary electrodes; and means for blanket exposing the whole surface of said photosensitive member.

CLASS 86C

135700

#### STOOLS, TABLES OR THE LIKE

PHENOWELD POLYMER PRIVATE LIMITED, OF SAKI VIHAR ROAD, BOMBAY-72 AS, STATE OF MAHARASHTRA, INDIA.

Application No. 1148/72 filed August 11, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 5 Claims

A stool, table or the like comprising a top with engagement housings at its underside for the ends of the legs to be detachably engaged by the said housings, both top and said housing; being moulded together, the bore of each housing being of slightly smaller diameter than the diameter of the end of the leg to be inserted in the bore the legs being formed of tubes preferably of metal having one or more slits at the engagement end to have a springy action so that in each engagement housing the leg can be forced fit and thereby retained in position.

CLASS 148M

135701

#### ELECTROPHOTOGRAPHIC COPYING MACHINE

CANON KABUSHIKI KAISHA, OF 30-2, 3-CHOME, SHIMONMARUKO, OHTO KU, TOKYO, JAPAN.

Application No. 2405/Cal/73 filed October 31, 1973.

Division of Application No. 239/72 filed May 18, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

An electrophotographic copying machine comprising a photosensitive member having an insulating surface; a first charger means for imparting uniformly the charge upon the surface of said photosensitive member; means for projecting a light image upon the surface of said photosensitive member and simultaneously effecting that the a-c corona discharge onto the surface of said photosensitive member, said simultaneous-light-image-projection-and-discharge means comprising corona discharge electrodes, grounded auxiliary electrodes surrounding said corona discharge electrodes and defining an optical aperture and an opening for discharge, an insulating member disposed over each of said auxiliary electrodes in opposed relation with said corona discharge electrodes, and grounded grid electrodes disposed in the proximity of said discharge opening and means for illuminating the whole surface of said photosensitive member.

CLASS 144E6

135702

## PROCESS FOR PREPARING PIGMENT PREPARATIONS

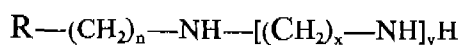
ARBWERKE HOECHST AKTIENGESELLSCHAFT  
VORMALS MEISTER LUCIUS & BRUNING, OF 45,  
BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL RE-  
PUBLIC OF GERMANY.

Application No. 60/72 filed April 27, 1972.

Appropriate office for opposition proceeding (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims—No drawings

A process for preparing pigment preparations wherein the pigments such as herein described are treated with 1 to 100% by weight, calculated on the pigment of an aralkyl alkylene amine of the general formula



or the salt thereof, whereby R represents a substituted or unsubstituted phenyl radical, n is an integer of from 1 to 10, X is an integer of from 2 to 10, and y is an integer of from 1 to 5.

CLASS 49B

135703

## MIRACLE COOKER

OCTAVIANO ROA LUDENA, AT NO. 95 K-7, KAMIAS,  
QUEZON CITY, PHILIPPINES.

Application No. 1155/72 filed August 14, 1972.

Appropriate office for opposition proceeding (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims

A cooker comprising an outer vessel, a perforated inner cooking vessel arranged within the outer vessel, there being a space for water provided between the said inner and said outer vessels at the lower end of the said outer vessel, a perforated steaming plate arranged above the inner vessel, and a cover for closing the outer vessel so as to wholly enclose the inner vessel and the steaming plate in a steam tight fashion.

CLASS 187E4+6

135704

## AN IMPROVED TELEPHONE RECEIVER

FHSAN ULLAH SUDDIQI, EXECUTIVE ENGINEER,  
(FORMERLY OF HYDEL DIVISION, SHAHJAHANPUR,  
U.P., INDIA), AND NOW OF P.O. TEARI, DIST. SULTANPUR, U.P., INDIA.

Application No. 859/72 filed July 13, 1972.

Addition to No. 123727.

Appropriate office for opposition proceeding (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims

A telephone receiver the electric bell whereof has connected in parallel thereacross at least one electric bulb of a predetermined voltage rating so that the bulb flashes, when a ring-tone voltage appears in the input lead wires of said receiver, with a periodicity determined by the repetition frequency of said ring-tone voltage but does not flash during dialling.

CLASS 32F2b.

135705.

## PROCESS FOR PRODUCING PYRIMIDINE DERIVATIVES.

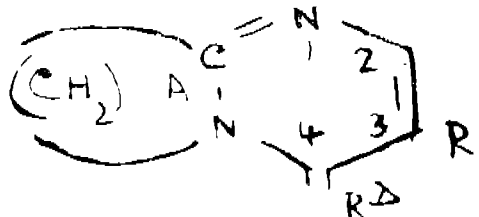
TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27,  
DOSHOMACHI 2-CHOME, HIGASHI-KU, OSAKA,  
JAPAN.

Application No. 1329/72 filed September 4, 1972.

Appropriate office for opposition proceeding (Rule 4,  
Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

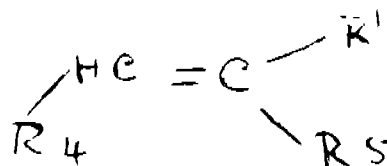
A process for producing a compound of the formula



(wherein R<sup>1</sup> is CN or alkoxy-carbonyl group, R<sup>2</sup> is NH or oxo group, n is an integer of from 3 to 6 inclusive and the ring A may have lower alkyl or phenyl), which comprises allowing a compound of the formula



(wherein R<sup>3</sup> is NH<sub>2</sub> or alkoxy group and the other symbols have the same meanings as defined above) to react with a compound of the formula



(wherein R<sup>4</sup> is NH<sub>2</sub> or alkoxy group, R<sup>5</sup> is CN or alkoxy-carbonyl group and R<sup>1</sup> has the same meaning as defined above) and, if necessary, in the presence of ammonia or ammonia producing substance such as herein described.

## OPPOSITION PROCEEDINGS

## (1)

An opposition has been entered by The Associated Cement Companies Ltd. to the grant of a patent on application No. 135321 made by F. L. Smidth & Co. A./S.

## (2)

The opposition entered by The Jay Engineering works Ltd. to the grant of a patent on application No. 126157 made by Matchwell Electricals (India) Ltd., has been successful. No patent will be sealed on the application.

## (3)

The opposition entered by Nat Steel Equipment Private Limited to the grant of a patent on application No. 130656 made by C. D. Ghai and V. K. Ghai, as notified in Part III, Section 2 of the Gazette of India dated the 5th May 1973 has been dismissed.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

## (1)

124033 124307 124335 124349 124374 124376 134487 124539  
124581 124962 125228 125334 125615 125624 125649 126552  
125684 126000 126082 126324 126492 126703 127058 127075  
127238 128745 129078 129080 129097 129764

## (2)

124338 124339 124410 124434 124435 124460 124486 124509  
124602 124695 124880 124911 124918 125511 125587 125710  
125749 125796 125826 125852 125944 125946 125951 125991  
126045 126110 126128 126148 126190 126281 126375 126473  
126550 126552 126643 126995 127007 127059 127147 127211  
127387 127392 127525 127717 128100 128312 128315 128556  
128773 128848 129289 129740

## (3)

124839 125166 125267 125425 125500 125618 125746 125770  
125839 125887 125888 125906 125957 125974 125975 125988  
126033 126049 126178 126253 126310 126439

(4)

124580 124642 124697 124723 124754 124755 124768 124771  
 124786 124796 124797 124809 124838 124849 124862 124864  
 124874 124940 124969 125137 125932 126001 126097 126100  
 126104 126106 126149 126175 126179 126200 126204 126228  
 126338 126451 126774 127195 128233 128443 128471 128488  
 128852 128909 129077 129268 129509

(5)

125299 125316 125327 125339 125350 125357 125382 125385  
 125386 125387 125404 125461 125528 125667 125812 126206  
 126479 126595 126726 126740 126853 126890 126924 127003  
 127131 127165 127206 127521 128210 128608 128946 129047  
 129249 129414 129504 129535 130058 130429 132521

## PATENTS SEALED

81331 107118 107119 112472 114413 117743 118883 121397  
 122465 123094 123441 123704 124525 127040 127804 127925  
 128039 128040 128041 128111 128426 128449 129063 129150  
 129166 129225 129497 129663 129697 130024 130349 130533  
 130887 130996 131009 131270 131336 131490 131766 131826  
 131840 131853 131964 131965 131970 131977 132036 132263  
 132265 132292 132452 132496 132808 132907 133020 133022  
 133166 133207 133276 133332 133429 133447 133453 134287  
 134609 134763 134865 134882 135201 135351 135357

## AMENDMENT PROCEEDING UNDER SECTION 20(1)

(1)

Notice is hereby given that the claim made by Xerox Corporation under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 127311 in their name has been allowed.

(2)

Notice is hereby given that the claim made by Xerox Corporation under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 127312 in their name has been allowed.

(3)

Notice is hereby given that the claim made by Sun Research And Development Co. under Section 20(1) of the Patents Act, 1970, to proceed the application for Patent No. 128255 in their name has been allowed.

## AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that L. Givaudan & CIE S.A., Chemical Manufacturers, of Vernier-Geneve, Switzerland, a Swiss Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 101541 for "Indian Compounds and process for the manufacture thereof". The amendments are by way of disclaimer. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the notice.

(2)

Notice is hereby given that Argus Chemical Corporation, a Corporation of Delaware, of 633 Court Street, Brooklyn, N.Y. 11231, United States of America have filed an application under Section 57 of the Patents Act, 1970 for amendment of the application and specification of their application for Patent No. 126568 for "Organotin thicarbonylates and preparation thereof and vinyl chloride polymer compositions thereof". The amendments are way of correction and disclaimer so as to ascertain the invention more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amend-

ment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the notice.

(3)

Notice is hereby given that Montecatini Edison S.P.A., of 31 Foro Buonaparte, Milan, Italy, and Italian Company, have made an application under Section 57 of the Patent Act, 1970 for amendment of the specification of their application for Patent No. 127795 for "Catalysts for the polymerization of olefines". The amendments are by way of explanation, correction and disclaimer. The application for amendment and the proposed amendments can be inspected free of charge of the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notice at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(4)

Notice is hereby given that Petrocarbon Developments Limited, of Petrocarbon House, Sharston Road, Wythenshawe, Manchester 22, England a British Company, have made an application under Section 57 of the Patent Act, 1970 for amendment of specification of their application for Patent No. 128645 for "Liquid Phase Oxidation of Olefins to Olefin Oxides, Glycols and Glycol Esters". The amendments are by way of disclaimer and correction by deleting claim 13 from the specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendments may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with notice of opposition, it shall be left within one month from the date of filing the said notice.

(5)

Notice is hereby given that Merck & Co. Inc., a Corporation organized under the laws of the State of New Jersey, United State of America, of 126 East Lincoln Avenue, Rahway, New Jersey, U.S.A., have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for Patent No. 130959 for "A Canned and Bottled Leverage, Fruit and Vegetable Preparation and Method of Stabilizing the same". The amendments are by way of explanation and correction by deleting claims 1 to 3 from the specification and amending the title of invention in the application and specification. The application for amendment and proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendments may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with notice of opposition, it shall be left within one month from the date of filing the said notice.

(6)

The amendments proposed by Nippon Kokan Kabushiki Kaisha in respect of Patent Application No. 130380 as Advertised in Part III, Section 2 of the Gazette of India date the 22nd December 1973 have been allowed.

## REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claimed interests:—

67141—M/s. Sir Robert Mcalpine & Sons Limited,

116863—M/s. Sublistatic Holding SA.

124458—M/s. Velcro S. A.

28100—President of India.

**PATENTS DEEMED TO BE ENDORSED WITH  
THE WORDE "LICENCES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
119586 (28-1-69)	Improvements in or relating to the decuticling degerming groundnuts.
121025 (22-4-69)	A process for the processing of alumina containing minerals.
121026 (22-4-69)	Azo dyestuffs, process for the manufacture thereof and materials whenever dyed or printed with the same.
121084 (26-4-69)	Metallurgical coke and method for making it.
121104 (28-4-69)	Nephthoquinone derivatives process for their preparation and algicides containing the same.
121121 (29-4-69)	Disazo dyestuffs. Process for their manufacture and materials dyed, printed, or coloured therewith.
121209 (7-5-69)	A method for the manufacture of dispersion strengthened lead.
121236 (8-5-69)	A method for the preparation of polyphenylene ethers.
121260 (9-5-69)	Process for the preparation of substituted Vinyl esters of acids of phosphorus.
121410 (20-5-68)	Liquid phase oxidation of olefins to olefin oxides, glycols and glycol esters.
122093 (3-7-69)	Process for the production of pigments.

**RENEWAL FEES PAID**

67484 67614 67654 71361 71418 71806 72093 72905 76272  
 76421 76448 76495 76510 76511 76616 76633 76782 76844  
 76875 76876 81649 81704 81859 82010 82019 82058 82063  
 82083 82151 82168 82218 82295 82339 82340 82526 83865  
 83900 84309 86080 87402 87428 87454 87534 87598 87728  
 87729 87758 87788 87922 87969 87990 88022 88065 88097  
 88104 88625 91696 92526 92862 93137 93257 93272 93341  
 93541 93643 93644 93677 93731 93737 93832 93875 93879  
 94000 94184 94230 94924 98639 99181 99303 99312 99354  
 99415 99500 100250 101859 103722 104413 104765 104875  
 104832 105033 105092 105202 105227 105306 105435 105442  
 105465 105477 105510 105707 106187 106971 107773 108945  
 110245 110284 110385 110453 110477 110495 110497 110554  
 110579 110657 110717 110727 110924 111323 111826 114792  
 115248 115247 115302 115350 115351 115366 115367 115439  
 115451 115476 115529 115530 115623 115710 115727 115760  
 115771 115772 115773 115797 115802 115819 115902 115940  
 115954 115983 116103 116395 116436 116891 117056 117086  
 120707 120857 120930 120951 120967 121017 121045 121117  
 121124 121132 121137 121155 121164 121275 121292 121400  
 121466 121518 121711 121744 121888 122010 122011 122012  
 122093 122151 122152 122153 122316 122317 122318 122319  
 122324 122325 122660 122661 122662 122663 122779 123129  
 123130 123132 123133 123361 123362 123363 123616 123619  
 123620 123621 123622 123937 124201 126066 126081 126082  
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 126897 126979 127103 127164 127212 127560 127675 128331  
 128479 128498 128513 128687 129155 129156 129335 129397  
 129410 129645 129748 129792 129854 130107 130126 130172  
 130191 130252 130291 130326 130573 130613 130645 130843  
 130904 130923 130968 131048 131172 131320 131612 131715  
 131769 132058 132650 132746 134013 134078

**RESTORATION PROCEEDING**

Notice is hereby given that an application for restoration of Patent No. 102566 and its Patent of Addition No. 110936 made by Shantilal Pranshanker Joshi on the 23rd August, 1973 and notified in the Gazette of India, Part III, Section 2, dated the

10th November, 1973 has been allowed and the said patents restored.

**NAME INDEX FOR APPLICANTS FOR PATENTS FOR  
THE MONTH OF MARCH 1974 (Nos. 434/Cal/74 TO  
719/Cal/74, 79/Bom/74 TO 24/Bom/74, AND 38/Mas/74  
TO 63/Mas/74.)**

**Name & Application No.**

**—A—**

Abc, S.—673/Cal/74.

Abraham, I. J.—52/Mas/74.

Aerojet-General Corpn.—551/Cal/74.

Ahmedabad Textile Industry's Research Association.—104/Bom/74.

Alfa-Laval Aktienbolag.—643/Cal/74.

American Home Products Corpn.—441/Cal/74, 695/Cal/74.

American Optical Corpn.—531/Cal/74.

American Universal Electric (India) Ltd.—513/Cal/74.

Amsted Industries Inc.—518/Cal/74.

Applied Bioscience.—485/Cal/74.

Armco Steel Corpn.—675/Cal/74.

Aron, A. C.—460/Cal/74

Ashland Oil, Inc.—450/Cal/74.

Asokan, S.—668/Cal/74, 669/Cal/74, 670/Cal/74, 671/Cal/74, 672/Cal/74.

Atapina, M. N.—470/Cal/74.

**—B—**

Baker Perkins Holdings Ltd.—629/Cal/74

Balasubramanian, S.—39/Mas/74.

Balasundaram, R. N.—38/Mas/74.

Bancrjee, N.—521/Cal/74.

Barkan, S. A.—590/Cal/74.

Barringer Research Ltd.—580/Cal/74.

BASF Aktiengesellschaft.—473/Cal/74, 489/Cal/74, 567/Cal/74.

Bayer Akitnegesellschaft.—479/Cal/74, 527/Cal/74, 548/Cal/74, 559/Cal/74, 587/Cal/74, 625/Cal/74, 693/Cal/74.

Beecham Group Ltd.—666/Cal/74.

Bharadwaj, B. M.—105/Bom/74.

Bharat Heavy Electricals Ltd.—46/Mas/74, 47/Mas/74.

Bindra, A. S.—700/Cal/74.

Biorex Laboratories Ltd.—491/Cal/74.

British Industrial Plastics Ltd.—560/Cal/74.

British Insulated Callender's Cables Ltd.—528/Cal/74.

British Oxygen Company Ltd., The—624/Cal/74.

Baltimore Aircoil Company, Inc.—698/Cal/74.

Bundy Corpn.—682/Cal/74.

Burroughs Corpn.—569/Cal/74.

Buzova, Z. M.—514/Cal/74.

**—C—**

Cabot Corpn.—584/Cal/74.

C.A. Norgren Co.—122/Bom/74.

Carrier Corpn.—619/Cal/74.

Casella Farbwerke Mainkur Aktiengesellschaft.—683/Cal/74.

C.A.V. Ltd.—437/Cal/74, 438/Cal/74, 598/Cal/74, 715/Cal/74.

Centromint Company (Establishment).—533/Cal/74.

## Name &amp; Application No.

Century Spinning & Manufacturing Company Ltd., The—91/Bom/74.  
 Ciba-Geigy AG.—452/Cal/74, 453/Cal/73, 532/Cal/74.  
 Ciba of India Ltd.—102/Bom/74.  
 Clayton Dewandre Company, Ltd.—677/Cal/74.  
 Computer Software Services.—615/Cal/74.  
 Continental Carbon Co.—680/Cal/74.  
 Costello, G. P.—436/Cal/74  
 Council of Scientific and Industrial Research.—444/Cal/74, 595/Cal/74, 596/Cal/74, 642/Cal/74, 661/Cal/74, 662/Cal/74, 689/Cal/74, 690/Cal/74, 696/Cal/74.  
 Crinos Industria Farmacobiologica S.p.A.—561/Cal/74.  
 Croftshaw (Engineers) Ltd.—607/Cal/74.  
 Crompton Greaves Ltd.—121/Bom/74.  
 Crosrol Ltd.—603/Cal/74.  
 Cross Company, The—542/Cal/74.  
 Cutler-Hammer World Trade Inc.—576/Cal/74.

## —D—

Danfoss A/S.—116/Bom/74, 117/Bom/74, 118/Bom/74, 119/Bom/74, 120/Bom/74.  
 Daniel, P. A.—56/Mas/74.  
 Daniel, T.—56/Mas/74.  
 Dant & Russell, Inc.—635/Cal/74.  
 Das, S. N.—522/Cal/74.  
 Davies & Metcalfe Ltd.—524/Cal/74.  
 Deb Roy, B. P.—702/Cal/74.  
 Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler.—462/Cal/74, 611/Cal/74.  
 Deutsche Babcock & Wilcox Aktiengesellschaft.—697/Cal/74.  
 Dewrance & Co., Ltd.—597/Cal/74.  
 Diamond Power Speciality Corp.—501/Cal/74.  
 Diamond Shamrock Corp.—529/Cal/74, 530/Cal/74.  
 Discon Sales Pvt. Ltd.—44/Mas/74.  
 Doraiswamy, R. N.—38/Mas/74.  
 Doshi, B. K.—112/Bom/74.  
 Doss, R. N.—644/Cal/74.  
 Dr. Barl Thomas Gesellschaft mit beschränkter Haftung.—449/Cal/74.  
 Dunlop Ltd.—480/Cal/74.

## —E—

Eddybel S. A.—604/Cal/74.  
 Edgar Handley Co., Private Ltd.—114/Bom/74.  
 Electric Power Storage Ltd.—507/Cal/74, 544/Cal/74, 545/Cal/74.  
 Eli Lilly and Co.—495/Cal/74.  
 Elkem Spigerverket A/S.—647/Cal/74, 705/Cal/74.  
 Emhart (U.K.) Ltd.—535/Cal/74.  
 Encloline (Process) Ltd.—481/Cal/74.  
 Etat Francais.—659/Cal/74.

## —F—

Fabbrica Italiana Magneti Marelli S.p.A.—477/Cal/74.  
 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning —651/Cal/74, 681/Cal/74, 684/Cal/74.  
 Fedorova, V. V.—470/Cal/74.

## Name &amp; Application No.

F. Hoffman-La Roche & Co. Aktiengesellschaft.—652/Cal/74.  
 Fiberwoven Corp., The—440/Cal/74, 623/Cal/74.  
 F. L. Smidth & Co. A/S—487/Cal/74, 630/Cal/74, 707/Cal/74.  
 Fmc Corp.—600/Cal/74.  
 Fuji Photo Film Co, Ltd.—563/Cal/74, 591/Cal/74.

## —G—

Ganapathy, S.—668/Cal/74, 669/Cal/74, 670/Cal/74, 671/Cal/74, 672/Cal/74.  
 Ganesan, J. (Mrs.)—668/Cal/74, 669/Cal/74, 670/Cal/74, 671/Cal/74, 672/Cal/74.  
 Garcia, A. L.—714/Cal/74.  
 General Electric Co.—609/Cal/74, 610/Cal/74.  
 General Tire & Rubber Co., The—492/Cal/74.  
 George, P. V.—49/Mas/74, 62/Mas/74.  
 Gertsik, E. M.—514/Cal/74.  
 Ghosh Dastidar, A.—534/Cal/74.  
 Girling Ltd.—496/Cal/74, 536/Cal/74, 556/Cal/74, 573/Cal/74, 582/Cal/74, 665/Cal/74.  
 Glatt, W.—710/Cal/74.  
 Glaverbel-Mecaniver.—674/Cal/74.  
 Goodyear Tire & Rubber Co., The—497/Cal/74.  
 Gore, V. K.—111/Bom/74.  
 Gotaverken Angteknik Ab.—471/Cal/74.  
 Graphite India Ltd.—484/Cal/74.  
 Gruppo Lepetit S.p.A.—653/Cal/74, 654/Cal/74, 699/Cal/74.  
 Guha, A. K.—617/Cal/74.  
 Gupta, R. A.—502/Cal/74, 503/Cal/74, 504/Cal/74.

## —H—

Hermann Heye.—455/Cal/74.  
 Hindustan Lever Ltd.—100/Bom/74.  
 Holset Engineering Company Ltd.—686/Cal/74, 687/Cal/74, 688/Cal/74.

## —I—

Ikbaal, K.—86/Bom/74.  
 Imperial Chemical Industries Ltd.—538/Cal/74.  
 Inchcape Chemco Ltd.—601/Cal/74.  
 Indian Council of Agricultural Research.—445/Cal/74.  
 Indian Jute Industries Research Association.—517/Cal/74.  
 Indian Mechanisation & Allied Products Ltd., The—483/Cal/74.  
 India Water Tap Manufacturing Co.—612/Cal/74.  
 Industrial Development Corporation of Orissa Ltd.—516/Cal/74.  
 Institut Francais Du Petrole, Des Carburants Et Lubrifiants.—631/Cal/74, 632/Cal/74.  
 International Nickel Ltd.—568/Cal/74.  
 International Standard Electric Corp.—606/Cal/74.

## —J—

Jagannath, B. B.—81/Bom/74, 94/Bom/74, 95/Bom/74, 115/Bom/74.  
 James Mackie & Sons Ltd.—685/Cal/74.

## Name &amp; Application No.

Jaggiwala, B.—99/Bom/74.  
 Jeehi, D. G.—113/Bom/74.  
 Joshi, S.—55/Mas/74.  
 Joshi, S. V.—124/Bom/74  
 Joshua, V.—43/Mas/74.  
 Judin, V. V.—679/Cal/74.

## —K—

Kamat, T. V.—123/Bom/74.  
 Kanak Engineers Private Ltd—678/Cal/74.  
 Kapadia, N. M.—99/Bom/74  
 Kapur, P. C.—712/Cal/74.  
 Karatsjuba, A. P.—679/Cal/74.  
 Karwal, S. (Mrs.)—614/Cal/74.  
 Kashyap, R. G.—618/Cal/74  
 Kashyap, V. (Mrs.)—636/Cal/74.  
 Katz, H. S.—719/Cal/74.  
 Kausov, S. F.—570/Cal/74.  
 Khanits, L. N.—514/Cal/74.  
 Klimentko, T. M.—590/Cal/74.  
 Kmita, T. G.—679/Cal/74.  
 Kombinat Veb Keramische Werke Hermsdorf.—583/Cal/74.  
 Koval, I. I.—514/Cal/74.  
 Kruglov, I. I.—679/Cal/74.  
 Kuibyshevsky Zavod Koordinatno-Rastochnykh Shankov.—  
 456/Cal/74.  
 Kumar, S. B.—54/Mas/74.  
 Kurinny, V. I.—679/Cal/74.  
 Kurnosov, A. I.—679/Cal/74.

## —L—

Lakshmi, M. J. (Mrs.)—41/Mas/74.  
 Lawyer, S. J.—83/Bom/74  
 Lucas Electrical Company Ltd., The—537/Cal/74, 539/Cal/  
 74, 575/Cal/74, 588/Cal/74, 626/Cal/74, 628/Cal/74.  
 Lykova, T. A.—470/Cal/74.

## —M—

Malkowski, L. R.—436/Cal/74.  
 Mallofre, S. G.—585/Cal/74.  
 Manohar Industries—96/Bom/74.  
 Marni, S. A.—550/Cal/74.  
 Maschinenfabrik Augsburg-Nürnberg, Aktiengesellschaft.—  
 494/Cal/74.  
 Maslov, V. M.—514/Cal/74.  
 Maslyansky, G. N.—590/Cal/74  
 Mathur, H. B.—613/Cal/74.  
 May & Baker Ltd.—493/Cal/74.  
 Merck Patent Gesellschaft mit beschränkter Haftung.—435/  
 Cal/74.  
 Messier-Hispano S. A.—446/Cal/74.  
 Michelin & Cie (Compagnie Generale des Etablissements  
 Michelin).—454/Cal/74.  
 Miles Laboratories, Inc.—540/Cal/74.  
 Mistry, N. N.—82/Bom/74.  
 Mite Corp.—506/Cal/74.  
 Mittra, D. C.—701/Cal/74.

## Name &amp; Application No.

Mobil Oil Corp.—562/Cal/74.  
 Mohan, J.—711/Cal/74.  
 Mukherjee, C. C.—616/Cal/74.  
 Muthana, M. S.—712/Cal/74

## —N—

Nabiullin, F. K.—514/Cal/74.  
 Naderer, G.—482/Cal/74.  
 Natarajan, S.—668/Cal/74, 669/Cal/74, 670/Cal/74, 671/  
 Cal/74, 672/Cal/74.  
 Nath, S. K.—713/Cal/74.  
 National Industrial Development Corporation Ltd., The—  
 656/Cal/74, 657/Cal/74.  
 National Research Development Corp.—639/Cal/74.  
 National-Southwire Aluminium Co.—526/Cal/74.  
 Nilux Holding Societe Anonyme.—579/Cal/74.  
 Norbro Pneumatics Ltd.—474/Cal/74.  
 Norsk Hydro A. S.—478/Cal/74.  
 Nunes, K.—63/Mas/74.  
 Nuovo Pignone S.p.A.—434/Cal/74.

## —O—

Orissa Industries Ltd.—549/Cal/74.  
 Outokumpu Oy.—461/Cal/74.  
 Ovacharova, A. S.—470/Cal/74.

## —P—

Palani, N.—48/Mas/74.  
 Parahate, S.—87/Bom/74.  
 Pardasani, R. R.—88/Bom/74, 89/Bom/74, 92/Bom/74,  
 98/Bom/74, 101/Bom/74, 103/Bom/74, 110/Bom/74.  
 Parikh, K. S.—515/Cal/74.  
 Parshottam, P. R.—84/Bom/74.  
 Patil, A. M.—80/Bom/74.  
 Paul, B. B. (Dr.)—79/Bom/74.  
 Peddinghaus, C. U.—498/Cal/74.  
 Peppo, Societe pour le Developpement et la Vente de Spe-  
 cialites Chimiques—555/Cal/74.  
 Pfizer Inc.—451/Cal/74, 581/Cal/74, 645/Cal/74.  
 Phenoweld Polymer Private Ltd.—93/Bom/74.  
 Pillai, D. S.—658/Cal/74.  
 Platt International Ltd.—543/Cal/74.  
 Population Research Inc.—519/Cal/74.  
 Porvair Ltd.—547/Cal/74, 599/Cal/74.  
 Potter, E.—635/Cal/74.  
 Ppg Industries, Inc.—459/Cal/74, 464/Cal/74, 465/Cal/74,  
 466/Cal/74.  
 Printon (Australasia) Pty. Ltd.—472/Cal/74.  
 Produits Chimique Ugine Kuhlmann.—650/Cal/74, 676/  
 Cal/74.  
 Pyrotector Inc.—447/Cal/74.

## —R—

Ramadass, R.—637/Cal/74.  
 Rao, A. S.—61/Mas/74.  
 Rao, H. V.—644/Cal/74.  
 Rao, T. D.—57/Mas/74, 58/Mas/74, 59/Mas/74, 60/Mas/  
 74.

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Rawal, A. N.—475/Cal/74.  
 Raychem Corpn.—553/Cal/74.  
 Ray, P.—488/Cal/74.  
 Rhone-Progil.—605/Cal/74.  
 Rist's Wires & Cables Ltd.—638/Cal/74.  
 Robert Bosch GmbH.—566/Cal/74.  
 Rockwell International Corpn.—511/Cal/74.  
 Rodrigues, P.—51/Mas/74.  
 Rohm and Haas Co.—525/Cal/74.  
 Rotavlex (Great Britain) Ltd.—716/Cal/74.  
 Roto Diesel.—558/Cal/74.  
 Rubber & Plastics Research Association of Great Britain.—565/Cal/74.  
 Ryzhikov, I. V.—679/Cal/74.

## —S—

Saha, B. J.—99/Bom/74.  
 Saint-Gobain Industries.—476/Cal/74.  
 Sandoz Ltd.—717/Cal/74.  
 Sarabhai Research Centre.—106/Bom/74, 107/Bom/74, 108/Bom/74.  
 Sarkar, T.—663/Cal/74.  
 Sarup, B.—442/Cal/74, 443/Cal/74.  
 Satoskar, Y. V.—85/Bom/74.  
 Schneider, S.—719/Cal/74.  
 Schweiter Engineering Works Ltd.—448/Cal/74.  
 Sea Tank Co.—512/Cal/74.  
 Sekisui Kaseihin Kogyo Kabushiki Kaisha.—641/Cal/74.  
 Serpo, Naamloze Vennootschap.—589/Cal/74.  
 Seth, J.—505/Cal/74, 703/Cal/74.  
 Shah, R. A.—99/Bom/74.  
 Shanker, G.—40/Mas/74.  
 Sharma, R. M.—520/Cal/74.  
 Shell Internationale Research Maatschappij B. V.—458/Cal/74, 523/Cal/74.  
 Shivdasani, P. N.—109/Bom/74.  
 Siemens Aktiengesellschaft.—499/Cal/74, 660/Cal/74, 708/Cal/74, 709/Cal/74.  
 Siemens-Albis Aktiengesellschaft.—510/Cal/74, 546/Cal/74.  
 Simon-Carves Ltd.—627/Cal/74.  
 Sivaraman, M. K.—42/Mas/74, 45/Mas/74, 50/Mas/74.  
 Small, E. B.—468/Cal/74.  
 Smithkline Corpn.—457/Cal/74.  
 Smith Kline & French Laboratories Ltd.—664/Cal/74.  
 Snam Progetti S.p.A.—592/Cal/74, 608/Cal/74.  
 Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa Sp.A.—706/Cal/74.  
 Societe Chimique Des Charbonnages.—552/Cal/74.  
 Societe D'Etudes De Produits Chimiques.—557/Cal/74, 578/Cal/74.  
 Societe D'Etudes Scientifiques Et Industrielles De L'Ile-de-France.—667/Cal/74.  
 Solvay & Cie.—469/Cal/74.

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Srivastava, S. K.—712/Cal/74.  
 S. R. M. Hydromekanik Ab.—655/Cal/74, 704/Cal/74.  
 Star Textile Engineering Works Ltd.—517/Cal/74.  
 Steetley (Mfg.) Ltd.—602/Cal/74.  
 Stork Amsterdam B. V.—633/Cal/74.  
 Subramaniam, G. S.—668/Cal/74, 669/Cal/74, 670/Cal/74, 671/Cal/74, 672/Cal/74.  
 Sushkova, I. T.—470/Cal/74.  
 Svenska Rotor Maskiner Aktiebolag.—620/Cal/74, 621/Cal/74.  
 Sybron Corpn.—467/Cal/74.  
 Syntex (U.S.A.) Inc.—593/Cal/74.

## —T—

Tamboli, J. K. D.—90/Bom/74.  
 Technicon Instruments Corpn.—574/Cal/74.  
 Tee-Pak, Inc.—648/Cal/74.  
 Tektronix, Inc.—694/Cal/74.  
 Telefonaktiebolaget L. M. Ericsson.—646/Cal/74.  
 Tembe, M. R.—564/Cal/74.  
 Thomas, M. D.—53/Mas/74.

## —U—

Uddeholms Aktiebolag.—541/Cal/74.  
 Union Carbide Corpn.—622/Cal/74, 691/Cal/74.  
 Union Carbide India Ltd.—577/Cal/74.  
 United States Atomic Energy Commission.—692/Cal/74.  
 Upjohn Co., The.—634/Cal/74.  
 U. S. Amanda Ltd.—571/Cal/74, 572/Cal/74.  
 USS Engineers and Consultants, Inc.—439/Cal/74, 508/Cal/74, 509/Cal/74, 649/Cal/74.

## —V—

Vakil, H. R.—97/Bom/74.  
 Veb Jenapharm.—490/Cal/74.  
 Vecraraghavan, S.—668/Cal/74, 669/Cal/74, 670/Cal/74, 671/Cal/74, 672/Cal/74.  
 Velsicol Chemical Corpn.—554/Cal/74, 586/Cal/74.  
 Volgogradsky Aljuminievyy Zavod.—463/Cal/74.

## —W—

Wander Ltd.—718/Cal/74.  
 Watanabe, K.—500/Cal/74.  
 Wavin B. V.—594/Cal/74.  
 Wilkinson Sword Ltd.—640/Cal/74.  
 Williams, L. A.—436/Cal/74.

## —Y—

Yorkshire Switchgear & Engineering Co., Ltd.—486/Cal/74.

## —Z—

Zharkov, B. B.—590/Cal/74.

S. VEDARAMAN,  
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 Designs and Trade Marks.